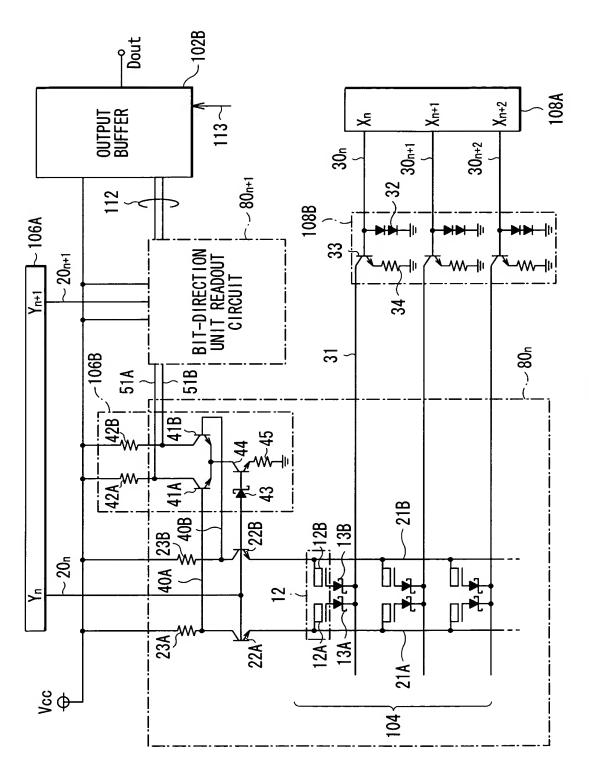
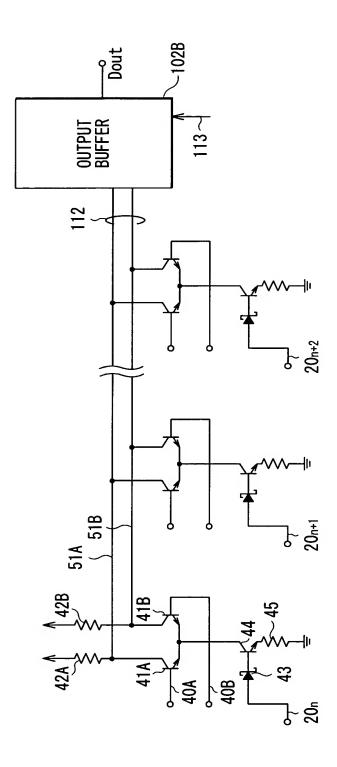


FIG. 1



F16.2



F1G. 3

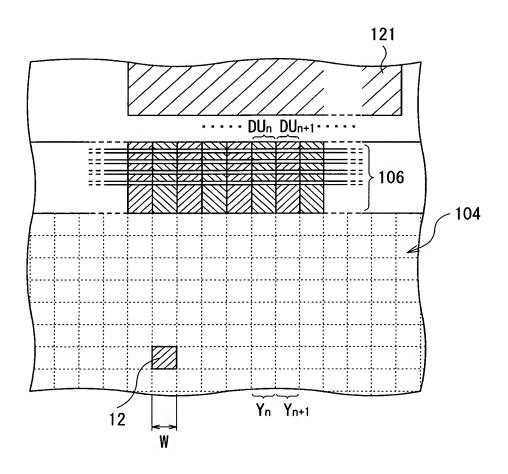


FIG. 4

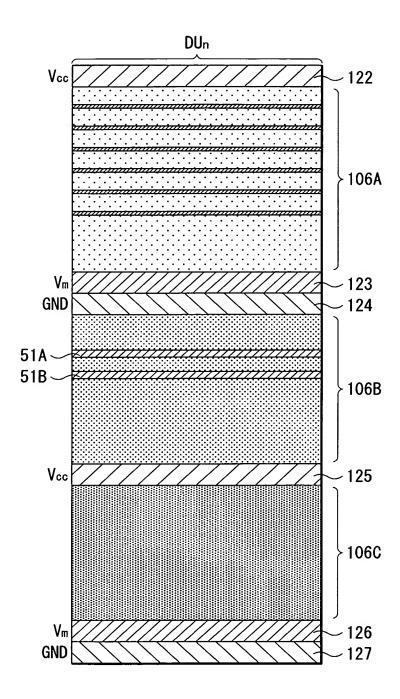


FIG. 5

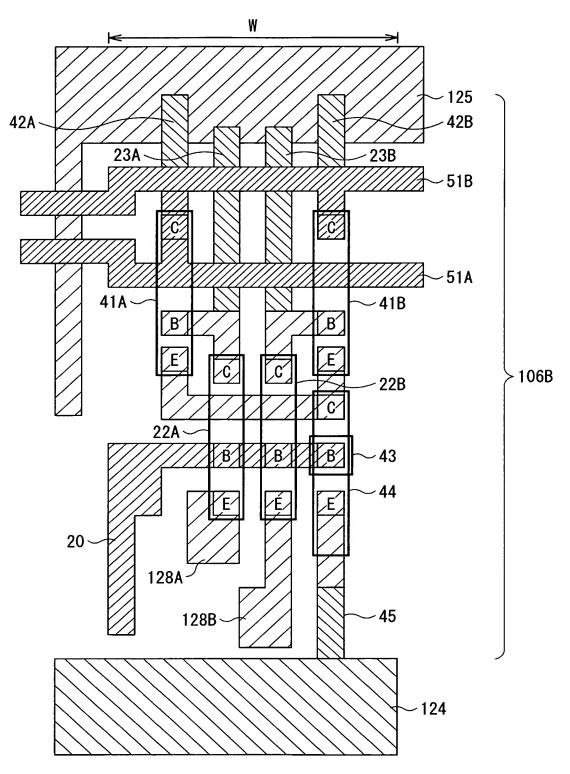


FIG. 6

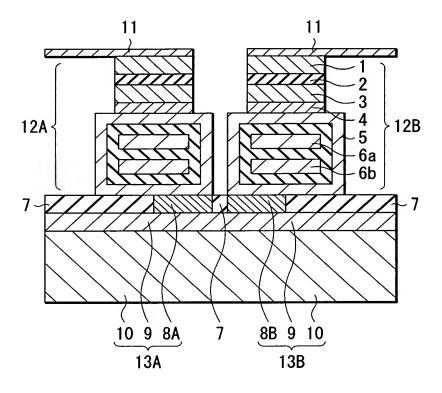
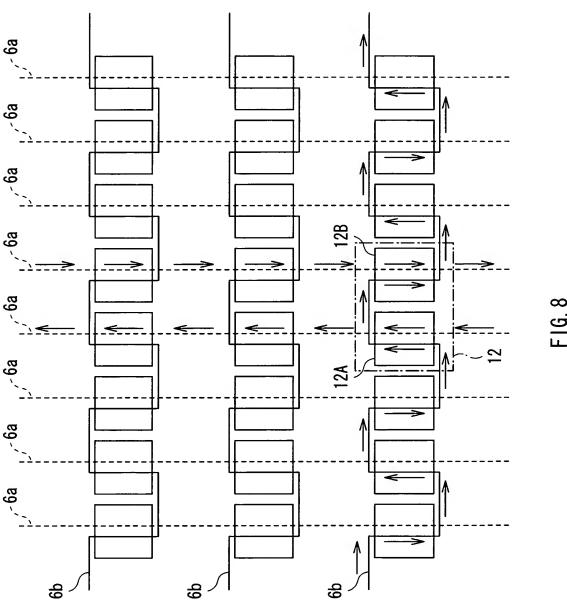


FIG. 7



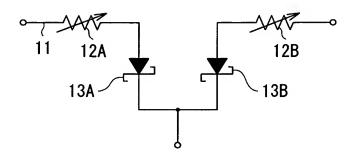


FIG. 9

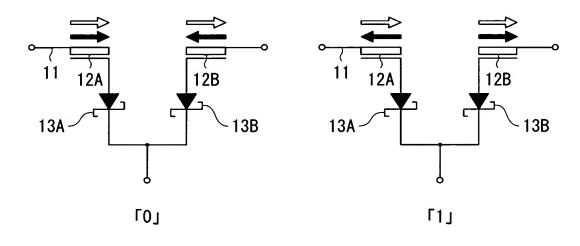


FIG. 10A

FIG. 10B

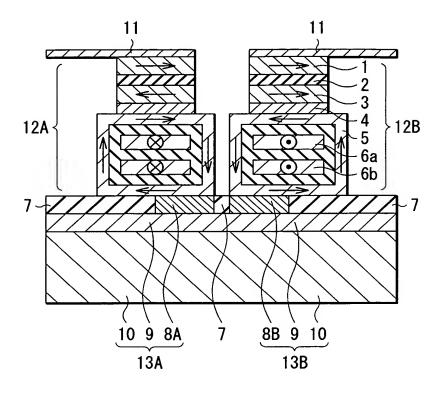


FIG. 11

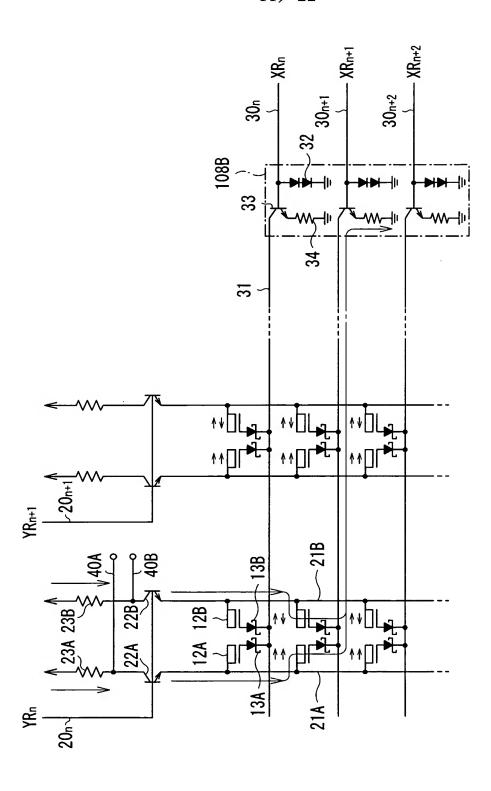
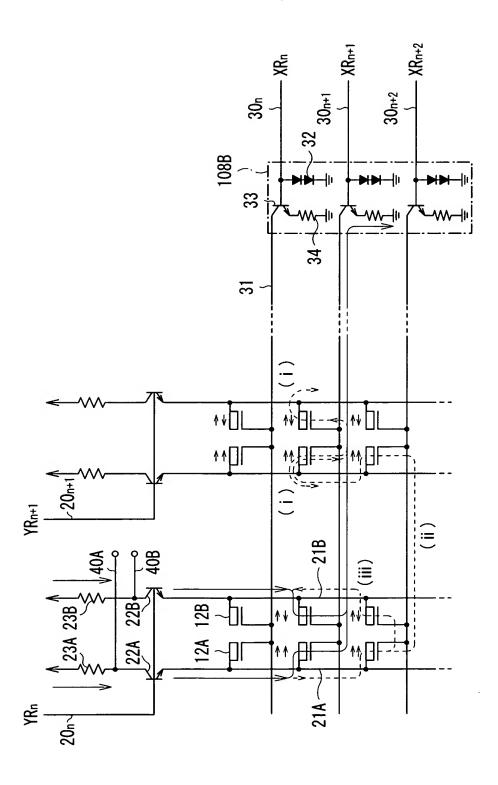


FIG. 12



F16. 13

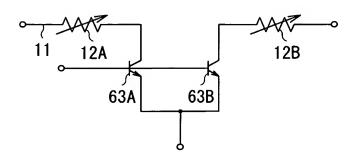


FIG. 14

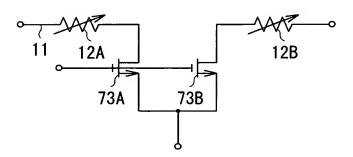


FIG. 15

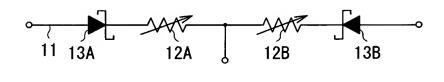


FIG. 16

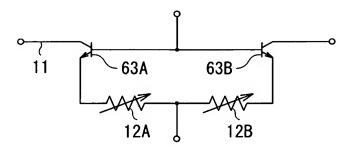


FIG. 17

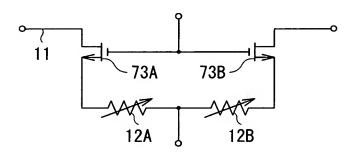
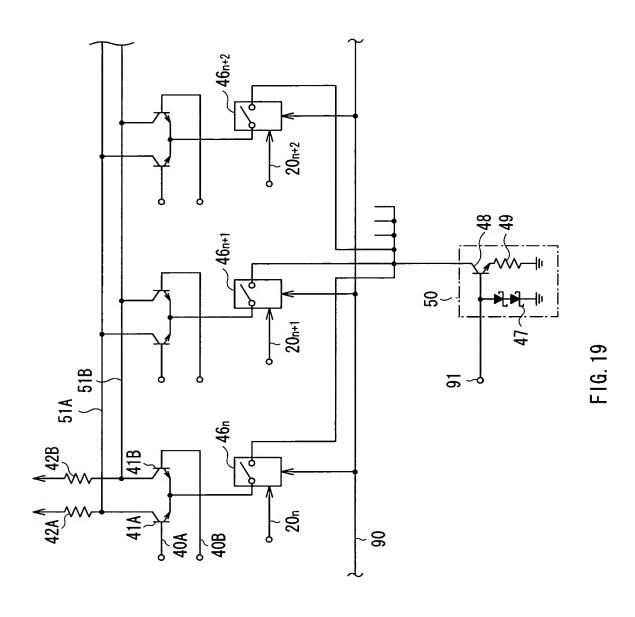
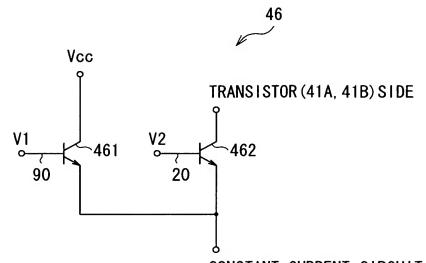


FIG. 18





CONSTANT CURRENT CIRCUIT (50) SIDE

FIG. 20

TRANSISTOR 461	TRANSISTOR 462	SWITCH 46
L	L	0FF
L	н	ON
н	L	0FF
Н	Н	0FF

FIG. 21

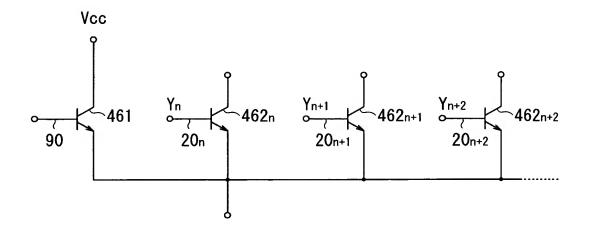


FIG. 22

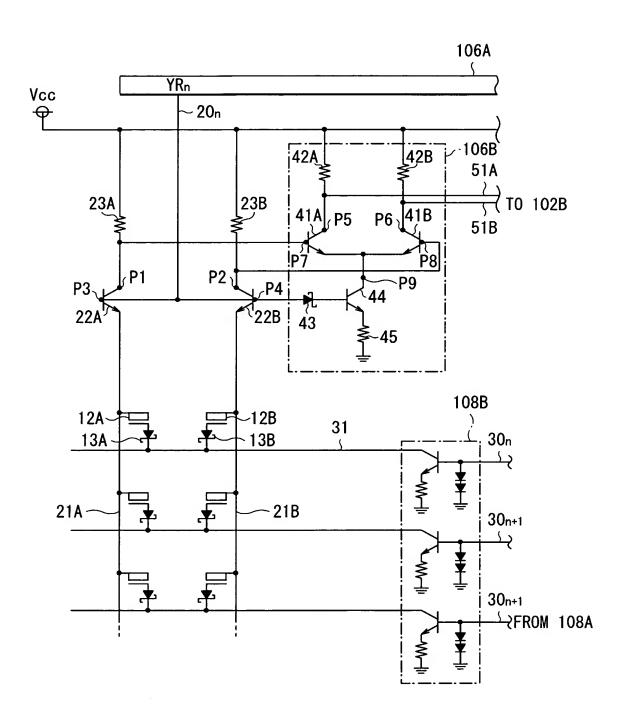
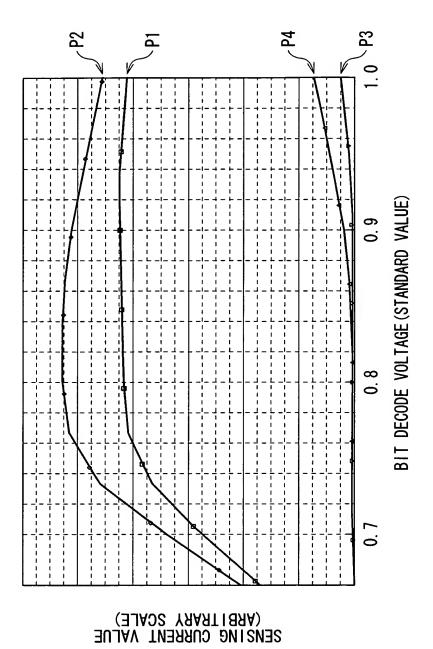
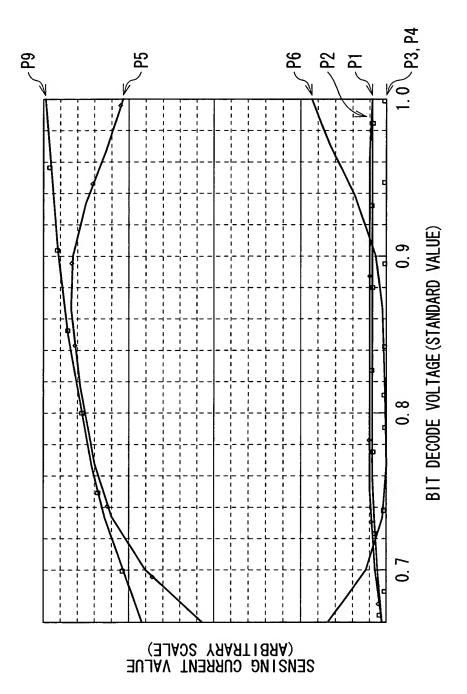


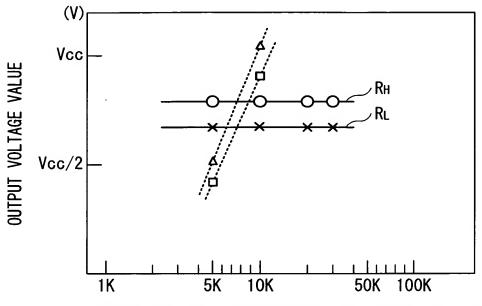
FIG. 23



F16. 24



F16, 25



RESISTANCE OF MAGNETORESISTIVE DEVICE: RTMR1 (Ω)

FIG. 26

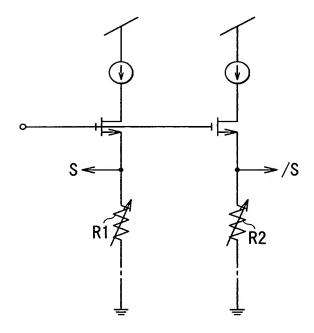


FIG. 27

